

Hostacom G3 N01 102297

Polypropylene Homopolymer

LyondellBasell Industries

PROSPECTOR[®]

www.ulprospector.com

Technical Data

Product Description

Hostacom G3 N01 102297 is a 30% glass fiber reinforced PP homopolymer, with low flowability, high stiffness, low CLTE (Coefficient of Linear Thermal Expansion) and low creep under load at elevated temperatures. The product is available in black color, pellet form. This grade is delivered in 102297 color version.

General

Material Status	• Commercial: Active
Literature ¹	• Processing - Extrusion (English) • Processing - Injection Molding (English) • Processing - Mold Shrink (English) • Technical Datasheet (English)
Search for UL Yellow Card	• LyondellBasell Industries • Hostacom
Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Creep Resistant • High Stiffness • Homopolymer • Low CLTE • Low Flow
Uses	• Automotive Applications • Automotive Under the Hood
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density (23°C)	1.13 g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	5.0 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	5.5 cm ³ /10min	ISO 1133

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus (23°C)	6300 MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	88.0 MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.2 %	ISO 527-2

Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength		ISO 179/1eA
-30°C	7.5 kJ/m ²	
23°C	10 kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	45 kJ/m ²	ISO 179/1eU

Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature		ISO 75-2/A
1.8 MPa, Unannealed	143 °C	
Vicat Softening Temperature	135 °C	ISO 306/B50

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



Hostacom G3 N01 102297

Polypropylene Homopolymer

LyondellBasell Industries

PROSPECTOR®

www.ulprospector.com

Where to Buy

Supplier

LyondellBasell Industries

Wilmington, DE USA

Telephone: 713-309-7200

Web: <https://www.lyondellbasell.com/>

Distributor

ALBIS Plastic

ALBIS Plastic is a global distribution and compounding company. Contact ALBIS Plastic for availability of individual products per country.

Telephone: +49-40-78105-0

Web: <http://www.albis.com/>

Availability: Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovakia

Ultrapolymers

Ultrapolymers is a Pan European distribution company. Contact Ultrapolymers for availability of individual products by country.

Telephone: +32-11-57-95-57

Web: <http://www.ultrapolymers.com/>

Availability: Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Ireland, Macedonia, Netherlands, Romania, Serbia, Slovenia, Turkey, United Kingdom

